

To: Graham, Richard[Graham.Richardv@epa.gov]
From: Stevenson, Peter
Sent: Tue 8/11/2015 12:17:06 PM
Subject: FW: Additional Gold King Mine statement/update 8/10

Why are we not releasing the total metals data for samples collected on Sunday and that Dave Christenson drove to the esat lab Sunday night and that Marty and chemists ran all night that were supposed to be received by Joyel Craig and I around 10 am Monday? The river had cleared up substantially and we all busted our butts to get this data in hand quickly and we are not using it? I saw dissolved metals data but not total metals? Did management intervene and squirrel away the data?

From: Cristiano, Gina

Sent: Tuesday, August 11, 2015 3:15 AM

To: Megan Crandall; Donald Hoffheins; larry.wolk@state.co.us; Urdiales, Aaron; Ackerman, Joyce; Allen, HarryL; Allison.Majure@state.nm.us; Bahrman, Sarah; Bohan, Suzanne; bsmartinez@fs.fed.us; Buhl, Rick; Butch Knowlton-LaPlata Co EM; Card, Joan; Chavez, Luke; Copeland, Michael; Crossland, Ronnie; dariotti@utah.gov; david.kreutzer@state.co.us; david.kurz@state.co.us; Dhieux, Joyel; dietrich@utah.gov; director@sjcph.org; doug.jamison@state.co.us; dspangler@utah.gov; dwong@utah.gov; egaddis@utah.gov; Eoc, Epahq; Faulk, Libby; Foster, Althea; Garcia, David; gary.baughman@state.co.us; Gleason, Michael; greg.nauble@state.co.us; Griswold, Hays; Hayes, Mark; Hestmark, Martin; jason.king@state.co.us; Joshua Allan - BIA; Kahn, Lisa; karin.mcgowan@state.co.us; KBousfield@utah.gov; Kortuem, Patrice; kshelley@utah.gov; Land, Kelcey; Laura.Rendon@state.nm.us; Liane Jollon - San Juan Basin HD; llamb@utah.gov; Lloyd, Lisa; Logan, Paul; Madigan, Andrea; martha.rudolph@state.co.us; McComb, Martin; McGrath, Shaun; megan.trubee@state.co.us; mjblanchard@fs.fed.us; Mohr, Mindy; monica.sheets@state.co.us; Myers, Craig; Mylott, Richard; Nattis, Randy; O'Connor, Darcy; Ostrander, David; patrick.j.pfaltzgraff@state.co.us; Patrick.Longmire@state.nm.us; R8 Documentation Unit Leader; Restivo, Angela; Russo, Rebecca; Saldenha, Jasmine; Sandoval, Joni; Sid Caesar - BIA; Sierra, Eddie; Sisk, Richard; Smith, Paula; Stavnes, Sandra; Stevenson, Peter; Thomas, Deb; tojohns@southernute-nsn.gov; tyson.ingles@state.co.us; Videtich, Callie; Ward, W. Robert; warren.smith@state.co.us; Way, Steven; wbaker@utah.gov; Webster, Susan; Werner, Phillip; wr.roc@noaa.gov; Hardegen, Steven; Myers, Richard; Jackson jr, Jesse; Megan Crandall; Donald Hoffheins; larry.wolk@state.co.us; Urdiales, Aaron

Cc: Freed, Chris

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All,

The following information is also being released:

EPA has compared the surface water quality data collected on August 5 and 6 to screening levels for human health developed by EPA. The screening levels for human incidental ingestion during recreation are based on an exposure duration totaling 60 days, 8 hours/day. The State of Colorado has developed screening levels for agricultural exposure. The screening levels for agricultural exposure are based on an exposure duration totaling 30 days.

Based on the data we have seen so far, EPA and ATSDR do not anticipate adverse health effects from exposure to the metals detected in the river water samples from skin contact or incidental (unintentional) ingestion. Similarly, the risk of adverse effects to livestock that may have been exposed to metals detected in river water samples from ingestion or skin contact is low. It is advisable to avoid areas with orange discoloration in the river water.

Although the pH levels between Cement Creek and Durango have returned to baseline levels washing with soap and water after contact with the river water is a sound public health practice to minimize exposure to the metals and bacteria that may be present in any untreated river water.

From: Cristiano, Gina

Sent: Monday, August 10, 2015 7:43 PM

To: Megan Crandall; Donald Hoffheins; 'larry.wolk@state.co.us'; Urdiales, Aaron; Ackerman, Joyce; Allen, HarryL; 'Allison.Majure@state.nm.us'; Bahrman, Sarah; Bohan, Suzanne; 'bsmartinez@fs.fed.us'; Buhl, Rick; Butch Knowlton-LaPlata Co EM; Card, Joan; Chavez, Luke; Copeland, Michael; Cristiano, Gina; Crossland, Ronnie; 'dariotti@utah.gov'; 'david.kreutzer@state.co.us'; 'david.kurz@state.co.us'; Dhieux, Joyel; 'dietrich@utah.gov'; 'director@sjcph.org'; 'doug.jamison@state.co.us'; 'dspangler@utah.gov'; 'dwong@utah.gov'; 'egaddis@utah.gov'; Eoc, Epahq; Faulk, Libby; Foster, Althea; Garcia, David; 'gary.baughman@state.co.us'; Gleason, Michael; 'greg.nauble@state.co.us'; Griswold, Hays; Hayes, Mark; Hestmark, Martin; 'jason.king@state.co.us'; Joshua Allan - BIA; Kahn, Lisa; 'karin.mcgowan@state.co.us'; 'KBousfield@utah.gov'; Kortuem, Patrice; 'kshelley@utah.gov'; Land, Kelcey; 'Laura.Rendon@state.nm.us'; Liane Jollon - San Juan Basin HD; 'llamb@utah.gov'; Lloyd, Lisa; Logan, Paul; Madigan, Andrea; 'martha.rudolph@state.co.us'; McComb, Martin; McGrath, Shaun; 'meghan.trubee@state.co.us'; 'mjblanchard@fs.fed.us'; Mohr, Mindy; 'monica.sheets@state.co.us'; Myers, Craig; Mylott, Richard; Nattis, Randy; O'Connor, Darcy; Ostrander, David; 'patrick.j.pfaltzgraff@state.co.us'; 'Patrick.Longmire@state.nm.us'; R8 Documentation Unit Leader; Restivo, Angela; Russo, Rebecca; Saldenha, Jasmine; Sandoval, Joni; Sid Caesar - BIA; Sierra, Eddie; Sisk, Richard; Smith, Paula; Stavnes, Sandra; Stevenson, Peter; Thomas, Deb; 'tojohns@southernute-nsn.gov';

'tyson.ingles@state.co.us'; Videtich, Callie; Ward, W. Robert; 'warren.smith@state.co.us'; Way, Steven; 'wbaker@utah.gov'; Webster, Susan; Werner, Phillip

Cc: Freed, Chris

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The Gold King Mine Release statement/update for 8/10 is attached.

Thank you, Gina

Gina Cristiano

Emergency Response & Planning Coordinator

EPA Region 8

303-312-6688